



# Working With CEIDARS

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Emission Inventory Workshop

Air Resources Board

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# Presentation

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- How to gain access to CEIDARS?
- How to view data in CEIDARS?
- How to retrieve data from CEIDARS?



# How to Gain Access to CEIDARS?

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- Request to ARB for access to UNIX/ORACLE
- VT320W
- Logon to UNIX
- Logon to Oracle/CEIDARS



# How to View/Retrieve Data from CEIDARS?

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- On-line forms (view)
- On-line menus (standard reports)
- SQL statements
- Microsoft Excel



# How to View/Retrieve Data in CEIDARS?

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- Logon to UNIX
- Type 'menu' (without quotes) on \$ prompt
- Select items from menu to view data or run reports



# Type of Reports

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- Facility Summary (point sources)
  - One line
  - Four line
- Category Summary
  - Summary categories (point plus area sources)
  - Area sources
- QA reports
- Reconciliation Summary



# Types of Reports

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- Data dump
  - transaction data format
  - general data dump
- Facility comparison for two years



# View/Retrieve Data

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- Demo





# SQL Statements

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- Select facid,fname,fcity
- from fac2001
- where co=34 and facid between 10 and 30;

FACID FNAME

FCITY

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14 AMERICAN RIVER AGGREGA  
15 H C MUDDOX COMPANY  
20 US GOVT MCCLELLAN  
25 SETZER FOREST PRODUCTS  
27 PROCTER & GAMBLE  
28 RIVERSIDE ELEVATORS

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RANCH0 CORDOVA  
SACRAMENTO  
NORTH HIGHLANDS  
SACRAMENTO  
SACRAMENTO  
ISELTON



# SQL Statements

```
select f.facid,f.fname,e.pol,sum(e.ems)
from fac2001 f,ems2001 e
where f.co=34 and f.facid between 10 and 30
and e.pol=43101 and e.co=f.co
and e.ab=f.ab and e.dis=f.dis
and e.facid=f.facid
group by f.facid,f.fname,e.pol
```

FACID FNAME	POL	EMS
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15 H C MUDDOX COMPANY	43101	.26
20 US GOVT MCCLELLAN	43101	22.09
25 SETZER FOREST PRODUCTS	43101	1.95
27 PROCTER & GAMBLE	43101	65.12



# SQL Statements

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```
select dis,ab,co,proid,pol,ems  
from ems2001  
where proid=61061001100000  
and co=34;
```

DIS	AB	CO	PROID	POL	EMS
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SAC	SV	34	610,610,0110,0000	11101	2.4
SAC	SV	34	610,610,0110,0000	42101	12.2
SAC	SV	34	610,610,0110,0000	42401	.2
SAC	SV	34	610,610,0110,0000	42603	28.7
SAC	SV	34	610,610,0110,0000	43101	3.4



# Data Retrieval Using Excel

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Chris Nguyen



# Microsoft Excel - Preparation

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- Start New Excel Document
- Get External Data
- Create New Query



# Connecting to Database

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- Data Source
  - CEIDARS – o2
  - Dbserve16
- Setup – Control Panel
  - USERID/Password



# Performing a Query

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- Query Wizard
  - Choose Tables
  - Select Fields



# Modify Query

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- Adding Fields
- Delete Fields





# Add Tables

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- Choose Tables
- Joining Tables
  - Key Fields